Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Wednesday 17 May 2023 until 23:59 on Thursday 18 May 2023

Forecast Issued on Wednesday 17 May 2023 at 03:41

Confidence: High confidence in generally settled conditions over the next couple of days, lower confidence in timings and intensity of rain and showers later in the week.

Headline for Wednesday 17 May 2023: A mostly cloudy yet fine day after early low cloud lifts above higher summits. The odd isolated shower is possible, especially from late morning onwards.

Mountain weather hazards on Wednesday 17 May 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Sunny intervals	Sunny intervals	Cloudy	Cloudy
Precipitation probability					
10%	10%	20%	10%	<05%	<05%

Forecast for Wednesday 17 May 2023

Weather: Some cloud shrouding higher peaks with a chilly feel to the morning. This soon breaking and lifting, with cloud mostly lifting above the summits by mid to late morning. Brighter through the afternoon with some hazy sunshine filtering through at times, and some sunny spells possible into the evening. One or two isolated showers possible from late morning.

Chance of cloud-free hill tops above 600m: 50% early, becoming 90% by late morning.

Low Cloud and visibility: Scattered to broken bases around 500m covering some peaks early on, but generally lifting and breaking through the morning. Some isolated cloud may still shroud highest peaks at times, but should be clear of all summits by late morning. Visibility poor initially in low cloud, but quickly improving, with visibilities becoming very good to excellent through the day, although dropping to moderate near any showers that develop.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Wednesday 17 May 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/7 NW	7/10 NW	7/12 W	9/14 W	10/14 W	7/12 SW	8/13 SW
300	2/6 NW	5/9 NW	6/11 W	8/14 W	7/13 W	4/11 W	2/9 SW
Valley	1/3 E	3/7 W	6/10 W	10/18 SW	6/11 SW	2/7 SW	1/5 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/4	8/6	10/8	10/8	9/7	8/6	8/5
300	8/8	11/10	13/12	14/12	12/10	8/7	8/7
Valley	9/8	12/12	14/13	14/12	13/12	10/9	9/9
Freezing Level*	1500m	1600m	1700m	1700m	1500m	1600m	1800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Moderate to high UV levels expected, even with mostly cloudy conditions, so extra sun protection required

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Wed 17 May 2023	0.8mm	0.8mm	1mm

Forecast for Thursday 18 May 2023

Weather: A cloudy but fine day with some hazy sunshine filtering through at times. One or two sunny spells more likely during the early evening, before cloud thickens up from the west later on ahead of a band of rain moving in.

Maximum wind: Southwesterly 10-15mph.

Chance of cloud-free hill tops above 600m: 80%

Low Cloud and visibility: Some early banks of cloud may shroud western slopes for a time, but breaking and rising above summits through the morning. Visibility generally very good to excellent.

Temperature: **Valleys:** Plus 7 Celsius, rising to Plus 16 Celsius.
At 600m: Plus 4 Celsius, rising to Plus 10 Celsius.
Freezing level: Above summits.

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